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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnthor Aevarsson, Viggó T. Marteinsson, Gudmundur O. Hreggvidsson, Jakob K. Kristjánsson and Olafur H. Fridjonsson

Application No.: 09/878,423 Group Art Unit: Not assigned

Filed: June 11, 2001 Examiner: Not assigned

Title: METHOD OF OBTAINING PROTEIN DIVERSITY

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on 08/31/01	<i>Ellen T. Spear</i>
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
  - ☐ a Statement under 37 CFR 1.97(e), as checked below, or
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
  - ☐ a Statement under 37 CFR 1.97(e), as checked below, and
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☒ Copies of the cited references (AS4-AS6) are enclosed.
  - ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☐ the enclosed English language abstract.

[X] Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

U.S. Patent Application No. 09/770,771, by Viggó T. Marteinsson, Cédric Hobel, Olafur H. Fridjonsson, Gudmunder O. Hreggvidsson, Jakob K. Kristjánsson, filed January 26, 2001, Docket No.: 2739.2004-000

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- [ X ] A copy of each file is attached for the above-cited application, including the current claims, is enclosed.
- [ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- [ ] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- [ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- [X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

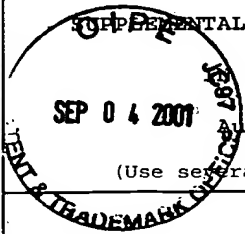
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Alice O. Carroll  
Alice O. Carroll  
Registration No.: 33,542  
Telephone: (781) 861-6240  
Facsimile: (781) 861-9540

Lexington, Massachusetts 02421-4799

Dated:

August 30, 2001

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2739.2004-001		APPLICATION NO. 09/878,423	
		APPLICANT Arnthor Aevarrsson, et al.		DEC 07 2001	
		FILING DATE June 11, 2001		GROUP Not assigned	
U.S. PATENT DOCUMENTS					
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	AS4	Hol, Wim, G.J., "Structural genomics for science and society", <i>Nature Structural Biology, Structural genomics supplement</i> , 964-966 (2000).			
	AT4	Hendrickson, W.A., "Synchrotron crystallography", <i>Trends Biochem Sci</i> , 637-643 (2000).			
	AU4	Burley, S.K., "An overview of structural genomics", <i>Nature Structural Biology, Structural genomics supplement</i> , 932-934 (2000).			
	AV4	Cassetta, A., et al., "Development of instrumentation and methods for MAD and structural genomics at the SRS, ESRF, CHESS and Elettra facilities", <i>J. Synchrotron Rad.</i> , 6:822-833 (1999).			
	AW4	Terwilliger, T.C., et al., "Class-directed structure determination: Foundation for a Protein Structure Initiative", <i>Protein Sci</i> , 1851-1856 (1998).			
	AX4	Rost, B., "Marrying structure and genomics", <i>Structure</i> , 6:259-263 (1998).			
	AY4	Brenner, S.E., "Target selection for structural genomics", <i>Nature Structural Biology, Structural genomics supplement</i> , 967-969 (2000).			
	AZ4	Terwilliger, T.C., "Structural genomics in North America", <i>Nature Structural Biology, Structural genomics supplement</i> , 935-939 (2000).			
	AR5	Hwang, K.Y., et al., "Structure-based identification of a novel NTPase from <i>Methanococcus jannaschii</i> ", <i>Nature Structural Biology, Structural genomics supplement</i> , 691-696 (1999).			
	AS5	Yokoyama, S., et al., "Structural genomics projects in Japan", <i>Nature Structural Biology, Structural genomics supplement</i> , 943-945 (2000).			
	AT5	Shyamala, V., et al., "Genome walking by single-primer polymerase chain reaction: SSP-PCR", <i>Gene</i> , 84:1-8 (1989).			
	AU5	Christendat, D., et al., "Structural proteomics of an archaeon", <i>Nature Structural Biology</i> , 7(10):903-909 (2000).			
	AV5	Auerbach, G., et al., "Lactate dehydrogenase from the hyperthermophilic bacterium <i>Thermotoga maritima</i> : the crystal structure at 2.1 Å resolution reveals strategies for intrinsic protein stabilization", <i>Structure</i> , 6(6):769-781 (1998).			
	AW5	Macedo-Ribeiro, S., et al., "Small structural changes account for the high thermostability of 1[4Fe-4S]ferredoxin from the hyperthermophilic bacterium <i>Thermotoga maritima</i> ", <i>Structure</i> , 4(11):1291-1301 (1996).			
EXAMINER			DATE CONSIDERED		

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2739.2004-001	APPLICATION NO. 09/878,423
<b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> August 28, 2001 (Use several sheets if necessary)		APPLICANT Arnthor Aevvarsson, et al.	
		FILING DATE June 11, 2001	GROUP Not assigned
<b>U.S. PATENT DOCUMENTS</b>			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
AX5	Evarsson, A., et al., "Crystal structure of human branched-chain $\alpha$ -ketoacid dehydrogenase and the molecular basis of multienzyme complex deficiency in maple syrup urine disease", <i>Structure</i> , 8(3):277-291 (2000).		
AY5	Kuntz, I.D., "Structure-Based Strategies for Drug Design and Discovery", <i>Science</i> , 257:1078-1082 (1992).		
AZ5	Verlinde and Hol, "Structure-based drug design: progress, results and challenges", <i>Structure</i> , 2:577-587 (1994).		
AR6	Ring, C.S., et al., "Structure-based inhibitor design by using protein models for the development of antiparasitic agents", <i>Proc. Natl. Acad. Sci. USA</i> , 90:3583-3587 (1993).		
AS6	Evarsson, A., et al., "Crystal structure of 2-oxoisovalerate and dehydrogenase and the architecture of 2-oxo acid dehydrogenase multienzyme complexes", <i>Nature Structural Biology</i> , 6(8):785-792 (1999).		
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